

ERWENT-ACC-NO: 1996-266239

DERWENT-WEEK: 199627

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TITLE: DC battery based power supply - has battery
which supplies DC voltage to controller through
switch and transistor to switch OFF operation of DC=DC
power converter which fluctuates DC voltage according
to load requirement

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PRIORITY-DATA: 1994JP-0273047 (October 12, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 08111932 A	April 30, 1996	N/A
006 H02J 001/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 08111932A	N/A	1994JP-0273047
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INT-CL (IPC): H02J001/00

ABSTRACTED-PUB-NO: JP 08111932A

BASIC-ABSTRACT:

The power supply has a DC-DC converter (12) which fluctuates the voltage supplied from a battery (11) to a DC voltage level that will suit a load. The voltage supplied from the battery is supplied to the control terminal of the converter through a switch (23) which determines its operation state.

The DC output voltage from the converter operates a microcomputer (21). The microcomputer outputs to the converter to keep its operating state.

The DC
voltage from the battery is supplied to the microcomputer through the
switch
and a transistor (24) to stop the supply of signal to the converter.

ADVANTAGE - Prevents controller unnecessary power consumption.
Prevents
incorrect operation of switch while maintaining power supply switch
operation.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: DC BATTERY BASED POWER SUPPLY BATTERY SUPPLY DC VOLTAGE
CONTROL

THROUGH SWITCH TRANSISTOR SWITCH OPERATE DC=DC POWER
CONVERTER

FLUCTUATION DC VOLTAGE ACCORD LOAD REQUIRE

DERWENT-CLASS: U24

EPI-CODES: U24-D02; U24-H;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1996-223994